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QUANTITATIVE DETERMINATION OF STRATOSPHERIC AEROSOL CHARACTERISTICS

(E75-10010) QUANTITATIVE DETERMINATION OF  
STRATOSPHERIC AEROSOL CHARACTERISTICS  
Monthly Report, Oct. 1974 (Boeing Co.,  
Kent, Wash.) 1 p HC \$3.25 CSCL 04A

N75-12393

Unclas

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In October Harold (Bud) Lockwood of Technicolor, Inc. informed us that the unfiltered (overexposed) 5022 Panchromatic film from SL4 was processed as I requested. The other roll of overexposed film (2424) was processed as requested by the oceanographer investigators.

We received the Sensor Performance Report, Volumes I and II, SL3 and SL4 Evaluations dated September 1974. These are updates from earlier editions. With this information we are developing the data calibration routines for the S192 data. We are still awaiting results from NASA personnel (or NASA contracted personnel) on the calibration of S191. We have also been in contact with Richard Juday, NASA-JSC-EOD, about his work in calibrating the S191 data.

Results of tests with simulated data indicate that we have a method to analytically invert the limb brightness signature to a vertical profile of attenuation coefficients for non-180° scatter. Previously we were able to invert only the 180° scatter.

We have not had any reply to our revised cost proposal.

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